

L Number	Hits	Search Text	DB	Time stamp
1	10	annular adj drive and mount\$3 adj device	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2004/03/16 08:34
2	18	("0244576" "0277876" "0512232" "2543403" "2905451" "3752057" "3905585" "4177721" "4199266" "4436432" "4439044" "4503502" "4534658" "4544281" "4571091" "4575255" "4588301" "4649810").PN.	USPAT	2004/03/16 07:18
3	18	("0244576" "0277876" "0512232" "2543403" "2905451" "3752057" "3905585" "4177721" "4199266" "4436432" "4439044" "4503502" "4534658" "4544281" "4571091" "4575255" "4588301" "4649810").PN.	USPAT	2004/03/16 07:21
4	128	annular adj drive and electrical and components and device	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2004/03/16 07:22
5	83	annular adj drive and electrical and components and device and apparatus	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2004/03/16 07:27
6	3	("1394901" "3095252" "3185951").PN.	USPAT	2004/03/16 07:25
7	0	annular adj drive and electrical and components adj mount\$3 near apparatus	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 07:28
8	5	annular adj drive and electrical and mount\$3 near apparatus	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 07:29
9	7	annular adj motor and mount\$3 near apparatus	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 07:32

10	52	("2527456" "3368396" "3606664" "3693727" "3696872" "3745820" "3882377" "3942592" "3975954" "4091451" "4127927" "4142591" "4176436" "4202208" "4210017" "4375120" "4375121" "4501335" "4567779" "4592125" "4614120" "4667389" "4692988" "4700576" "4730254" "4738145" "4791816" "RE33526" "5040827" "5105519" "RE34063" "5216795" "5233742" "5245265" "5278775" "5321506" "5390568" "5402688" "5404643" "5471739" "5502883" "5509316" "5637806" "5661888" "5837907" "6047455" "6056324" "6144891" "6212763" "6233807" "6263742" "6385837").PN.	USPAT	2004/03/16 07:30
11	2	annular adj motor and upper near plate and lower near plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2004/03/16 07:34
12	11	("2827780" "3027747" "3372572" "3487638" "3763698" "4445372" "4825692" "5644087" "5661615" "5811678" "5948987").PN.	USPAT	2004/03/16 07:33
13	5	4883996.URPN.	USPAT	2004/03/16 07:34
14	228	annular adj motor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2004/03/16 07:43
15	16	("4005448" "4348092" "4348094" "4534624" "4596449" "4682854" "4695144" "4772904" "4828360" "4897681" "4975725" "5138355" "5237357" "5523815" "5747897" "5790903").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT	2004/03/16 07:37
16	3	annular adj drive near motor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2004/03/16 07:44
17	12	29/740.ccls. and voice adj coil near motor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 08:28

18	24	voice adj coil near motor and (29/740; 29/743 ; 29/834 ; 29/DIG.44 ; 29/840 ; 294/2 ; 294/64.1 ; 414/737 ; 414/752).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 07:48
19	5	("4705311" "5726508" "5758410" "5765277" "5783915").PN.	USPAT	2004/03/16 07:47
20	164	voice adj coil near motor and (29/740; 29/743 ; 29/602.1 ; 29/706 ; 29/596 ; 29/707 ; 29/714 ; 29/DIG.44 ; 29/832 ; 29/840 ; 29/709 ; 318/135 ; 310/12 ; 310/14 ; 901/40 ; 294/64.1 ; 414/737 ; 414/751.1 ; 414/752.1)ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 07:57
21	8	("4624050" "4770599" "4831721" "4917568" "5667129" "5688214" "6088911" "6154954").PN.	USPAT	2004/03/16 08:09
22	10	("4624050" "4703965" "4754545" "4852247" "5307558" "5727311" "5745241" "5761798" "5960534" "6161886").PN.	USPAT	2004/03/16 08:12
23	5	("4793707" "4951383" "5033185" "5060366" "5234304").PN.	USPAT	2004/03/16 08:13
24	4	("4631816" "4747198" "4809430" "4951388").PN.	USPAT	2004/03/16 08:15
25	6	("4529315" "4598456" "4615093" "4628464" "4654964" "4675993").PN.	USPAT	2004/03/16 08:16
26	2	("4646432" "4694570").PN.	USPAT	2004/03/16 08:18
27	22	29/739-743.ccls. and voice adj coil near motor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 08:30
28	1	29/739-743.ccls. and "annular driver"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 08:30
29	76	"annular driver"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 08:33

30	1	"annular driver" and "voice coil motor"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 08:34
31	0	annular adj driver and mount\$3 adj device	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 08:35
32	74	annular same driver and mount\$3 adj device	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/16 08:35

	Title	Current OR
1	Method and apparatus for electrically and physically coupling a micro-actuator and slider to a hard drive arm suspension for component replacement after detachment from the suspension	29/603.06
2	Component mounting tool, and method and apparatus for mounting component using this tool	29/840
3	Vibration control utilizing signal detrending	29/739
4	Component suction device, component mounting apparatus and component mounting method	29/834
5	Method to reduce servo pattern runout on a prewritten disc	29/603.03
6	Processing assembly and method	29/743
7	Method of operating a component holding head	29/832
8	Component mounting apparatus	29/740
9	Apparatus for holding component, and apparatus for mounting component	29/740
10	Manufacturing method	29/739
11	Method of preventing a nozzle drop in a component mounting apparatus	29/832
12	Parts installation method and parts mounting method and mouter	700/121

	Current XRef
1	29/603.04; 29/737; 29/739; 29/840
2	29/739
3	29/729
4	29/739; 29/743; 29/832
5	29/742; 360/244
6	29/603.04; 29/760
7	29/739
8	29/707; 29/739
9	29/743; 294/64.1
10	29/709; 29/743; 29/833; 901/16; 901/30
11	29/721; 29/740; 29/743
12	29/740; 414/749.1; 414/752.1; 700/179; 700/220

	Title	Current OR
13	Part holding head, part mounting device and part holding method	29/740
14	Head assembly for part mounting apparatus and part mounting apparatus adopting the same	29/740
15	Apparatus for holding component, apparatus for mounting component, and method for mounting component	29/740
16	Electronic component mounting method	29/832
17	Method and apparatus for mounting parts	700/121
18	Method for assembling components	29/740
19	Device for securing a nozzle of a parts installer	29/740
20	Method and device for sealing IC chip	29/855
21	Die bonding device	228/6.2

	Current XRef
13	29/721; 29/739; 29/743; 29/DIG.44; 294/64.1
14	29/743; 29/834; 29/840; 29/DIG.44; 294/64.1
15	29/743; 29/832; 29/834
16	29/707; 29/739; 29/740; 29/DIG.44; 294/64.1; 310/12; 318/135; 414/737; 414/751.1; 414/752.1; 901/40
17	29/740
18	29/741; 29/759; 29/833
19	29/743; 294/64.1
20	257/E21.502; 257/E21.503; 29/740; 29/832
21	228/44.7; 228/49.5; 29/742; 29/743; 414/941

	Title	Current OR
22	Transfer apparatus for lead frame	198/735.3

	Current XRef
22	198/740; 29/741